Index of Claims

| Application/ | Control | No. |
|--------------|---------|-----|
|--------------|---------|-----|

10/549,955

Examiner

Rodney B. White

Applicant(s)/Patent under Reexamination

METZ ET AL.

Art Unit

3636

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal Α

Objected

0

| | | | _ | | | | 1 | | Щ | Ь | | | | | | | | J | LL |
|----------|----------|----------|----------|--|--------------|--|--|--|--|----------|---|--|----------|-----------------|-------------------------|----------|---|----|---------------------|
| Cla | im | Date | | | | | |] | Cla | aim | | Date | | | | | | | |
| Final | Original | 4/14/07 | 7122/07 | | | | | | | | • | Final | Original | | | | | | |
| | 1 | 1 | - | \vdash | _ | | <u> </u> | \vdash | | _ | 1 | | 51 | | 十 | \neg | _ | _ | |
| 2 | 2 | 1 | = | _ | _ | | \vdash | | | | 1 | | 52 | | _ | | | _ | |
| 3 | 3 | 1 | = | | \vdash | | \vdash | | | _ | 1 | | 53 | | 十 | | | | |
| 4 | 4 | 1 | = | · | | | \vdash | | | | 1 | | 54 | | \top | \neg | | | |
| 5 | 5 | 1 | = | | | | | | П | | 1 | | 55 | | \top | | | | |
| 6 | 6 | 1 | = | | | | | | | | 1 | | 56 | | T | | | | |
| 1 | 7 | 1 | = | | | | | | | |] | | 57 | | T | | | | |
| 7 | 8 | 1 | = | | | | | | | | | | 58 | | | | | | |
| 8 | 9 | 1 | IJ | | | | | | | |] | | 59 | | | | | | |
| 9 | 10 | 1 | = | | | | | | | |] | | 60 | | | | | | |
| 10 | 11 | 1 | = | | | | | | | | | | 61 | | \perp | | | | |
| 11 | 12 | 1 | Ξ | | | | | _ | | | | | 62 | | \perp | _ | | | |
| 12 | 13 | 1 | = | | | | | _ | | | 1 | | 63 | | | | | | |
| 13 | 14 | 1 | = | | L | | | | | | Į | <u> </u> | 64 | | _ | | | | |
| 14 | 15 | V | = | | _ | | _ | _ | _ | | 1 | | 65 | \Box | \perp | _ | | | |
| 15 | 16 | 1 | 11 | _ | _ | | _ | <u>_</u> | | | | | 66 | | _ | | | | |
| 16 | 17 | 1 | = | | | | | · | _ | | 1 | | 67 | \sqcup | \perp | _ | | | |
| 17 | 18 | _ | = | _ | <u> </u> | | <u> </u> | _ | | | | | 68 | \Box | _ | _ | | | $\sqcup \downarrow$ |
| 18 | 19 | _ | = | <u> </u> | | <u> </u> | | _ | | | | | 69 | \perp | 4 | 4 | | | \sqcup |
| 19 | 20 | | = | <u> </u> | <u> </u> | _ | _ | _ | _ | | | | . 70 | Щ. | _ _ | _ | | | . |
| 20 | 21 | _ | = | | _ | | | <u> </u> | _ | | | | 71 | $\vdash \vdash$ | 4 | _ | | | \vdash |
| \vdash | 22 | | _ | - | <u> </u> | _ | | | _ | | l | | 72 | | - | _ | | | - |
| | 23 | _ | _ | ┡ | <u> </u> | <u> </u> | | ⊢ | L | _ | ŀ | | 73 | \vdash | + | 4 | _ | _ | \vdash |
| \vdash | 24 | _ | | - | ⊢ | <u> </u> | | ⊢ | H | | ł | <u> </u> | 74 | \vdash | + | \dashv | | | \vdash |
| | 25 26 | _ | _ | ├ | | | | - | _ | _ | ł | | 75 76 | | + | | | _ | \vdash |
| \vdash | 27 | | | - | - | - | ŀ | + | - | _ | ł | | 77 | - | + | \dashv | _ | - | \vdash |
| | 28 | - | _ | | ┝ | | <u> </u> | ┝ | | - | ł | | 78 | | | - | | - | |
| | 29 | \vdash | — | ├ | | | | - | | | 1 | | 79 | - | - | - | | - | \vdash |
| \vdash | 30 | | | - | \vdash | \vdash | | ┢ | | | ł | <u> </u> | 80 | - | \dashv | ┥ | | - | \vdash |
| | 31 | | \vdash | ┝ | ┝ | ┢ | | - | - | - | ł | - | 81 | - | + | - | _ | | |
| \vdash | 32 | | | - | - | \vdash | | - | - | - | ł | | 82 | | + | - | | | - |
| <u> </u> | 33 | | | H | \vdash | | | \vdash | H | - | 1 | | 83 | | + | \neg | | | |
| | 34 | | | \vdash | - | | | | | - | i | | 84 | | \top | \dashv | | | \vdash |
| | 35 | | _ | | - | | _ | _ | | _ | 1 | | ∙85 | - | - | ┪ | _ | _ | - |
| | 36 | | _ | <u> </u> | \vdash | | | \vdash | H | | 1 | \vdash | 86 | \vdash | \dashv | | | _ | |
| | 37 | | \vdash | \vdash | \vdash | <u> </u> | | \vdash | | _ | 1 | | 87 | \vdash | 十 | | | - | |
| | 38 | | | Г | Г | | i | | Г | | 1 | | 88 | \Box | \top | \dashv | | | |
| | 39 | | | \vdash | \vdash | Г | | \Box | | | 1 | | 89 | | \top | | | - | |
| | 40 | | | | | | | | | | 1 | | 90 | | 十 | | | | |
| | 41 | | | | | | | | | | | | 9.1 | | | | | | |
| | 42 | | | | | | | | | | } | | 92 | | | | | | |
| | 43 | | | | | | | | | |] | | 93 | | $oldsymbol{\mathbb{I}}$ | | | | |
| | 44 | | | | L | | | ــــــــــــــــــــــــــــــــــــــ | | | 1 | | 94 | | | | | L. | |
| | 45 | L | <u> </u> | <u> </u> | | | L | | | | 1 | | 95 | | | _] | | | |
| | 46 | <u> </u> | <u></u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | Į | <u> </u> | 96 | | _ | _ | | | \sqcup |
| | 47 | <u> </u> | _ | <u> </u> | _ | <u> </u> | <u> </u> | _ | | _ | l | <u> </u> | 97 | Ш | _ | 4 | | | \sqcup |
| L | 48 | | | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | ļ | | 98 | \sqcup | _ | _ | _ | _ | \sqcup |
| | 49 | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | l | | 99 | $\vdash \vdash$ | 4 | 4 | | | - |
| | 50 | L | L | | | <u> </u> | | Ц_ | Ц_ | L | J | | 100 | | L | | | | <u>LL</u> |

| Cla | Claim | | | | | Date | € | | | |
|--------------|----------------|----------|--------------|--------------|---|------|----------|--------------|---------------|----------|
| | | | | | | | | | | |
| - | Original | | | | | | | | | |
| Final | ğ | | | | | | | | | |
| "- | ō | | | | | i | | | | |
| — — | | <u> </u> | _ | <u> </u> | _ | | <u> </u> | | _ | |
| <u> </u> | 51 | | _ | L_ | | | _ | _ | _ | |
| <u></u> | 52 53 | | <u> </u> | | | | | | | |
| L | 53 | | | | | | | | | |
| | 54 55 | | | | | | П | | | |
| | 55 | | | | | | | | | |
| | 56 | | | | | | | | | |
| | 57 | | | | | - | | _ | | _ |
| | 57 58 | \vdash | | H | | | _ | | | |
| | 59 | | - | - | - | | - | _ | | - |
| - | 50 | | | - | - | | - | - | - | - |
| - | 60 | | | \vdash | | | | | | _ |
| <u> </u> | 61 | | | <u> </u> | | | <u> </u> | <u> </u> | | - |
| | 62 | <u> </u> | | <u> </u> | Щ | | <u>_</u> | L_ | Ш | <u> </u> |
| L | 63 | | $oxed{oxed}$ | | | | | | | |
| | 63 64 | | | | | | L | L | | |
| | 65 | L | | | | | L | L | | L |
| | 66 | | | | | | | | | |
| | 66 67 | | | | | | | | | |
| | 68 | | | | | | | | | |
| | 69 . 70 | | | | | | | | | |
| | . 70 | | | | | | | | | |
| | 71 72 73 | | | | | | | | | |
| | 72 | | | | | | | | | |
| | 73 | | | | | | | | | |
| | 74 75 | | | | | | | | · | |
| | 75 | | | | | | | | | |
| | l 76 | | | | | | | | | |
| | 77 78 | | | | | | | | | |
| | 78 | | | | | | | | | |
| | 79 | _ | | | | | | | | |
| L | 80 | | | | | | | | | |
| | 81 | | | | | | | | | |
| | 82 | | | | | | | | | |
| | 83 | | | | | | | | | |
| | 84 | | | | | | | | | |
| | ∙85 | _ | _ | | | | | | | |
| | 86 | | | | | _ | | - | _ | |
| | 87 | | | | _ | | | - | _ | |
| | 88 | | | | | - | - | - | | |
| | 89 | _ | | _ | | | | _ | | |
| | 90 | _ | _ | _ | _ | | | _ | | - |
| | 9.1 | | | | - | | - | | | _ |
| | 92 | | | \vdash | | | - | | $\overline{}$ | |
| | 92 93 | _ | | _ | | | \vdash | \vdash | | |
| | 94 | | | Ι | | | | _ | | |
| | 95 | | | | | | | | | |
| | 96 | | | | | | | | | |
| | 97 | | | | | | | | | |
| | 98 | | | | | | | | | |
| | 99 | | | | | | | | | |
| | 100 | | Г | Г | | | Г | | Π | |

| CI | aim | | | |] | Date | | | | |
|-------|--|--------------|--------------|--------------|--------------|--|--------------|--------------|--------------|-----------------|
| Final | Original | | | | | | | | | |
| | 101 102 | | _ | | | | | _ | | |
| | 103 | - | ├ | | | - | - | <u> </u> | - | \vdash |
| | 103 | _ | \vdash | - | | - | - | <u> </u> | | \vdash |
| | 104 105 | - | ├ | | | | | | - | |
| | 105 | - | - | | _ | _ | - | | - | \dashv |
| | 106 107 | _ | ├ | - | _ | - | - | | - | \dashv |
| | 108 | | \vdash | \vdash | | | | | _ | \dashv |
| | 109 | | \vdash | - | \vdash | \vdash | | | | \dashv |
| | 110 | - | _ | | \vdash | \vdash | _ | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | \Box | | | | |
| | 109 110 111 112 113 114 115 | | | | | | | | | |
| | 116 | | | | | | | _ | | \Box |
| | 116 117 118 | | _ | _ | | <u> </u> | | <u> </u> | | |
| | 118 | | <u> </u> | | <u> </u> | | _ | <u> </u> | | - |
| | 119 | | | <u> </u> | | | | _ | _ | \dashv |
| | 120 | _ | <u> </u> | | | <u> </u> | | <u> </u> | _ | |
| | 120 121 122 | | | | | <u> </u> | _ | | - | \dashv |
| | 123 | | - | _ | - | \vdash | | - | | |
| | 124 | - | - | - | - | - | | - | _ | \dashv |
| | 125 | | | | | | | | | \dashv |
| | 126 | | _ | _ | | $\overline{}$ | | | | |
| | 123 124 125 126 127 128 129 130 | | | | | | | | | |
| | 128 | _ | | | | | | | | |
| | 129 | | | | | | | | | Ш |
| | 130 | _ | | _ | _ | | | | | |
| | 131 | _ | | | | | _ | _ | | \dashv |
| | 131 132 133 | - | | ├- | - | - | - | | _ | \dashv |
| | 134 | \vdash | _ | \vdash | | | | | H | \dashv |
| | 135 | | | | \vdash | | | | | \dashv |
| | 134 135 136 | \vdash | _ | | - | | \vdash | _ | | \vdash |
| | 137 | | | <u> </u> | | | | | | |
| | 137 138 | | | | | | | | | |
| | 139 | | | | | | | | | |
| | 140 | | | | L | | | | | |
| | 141 | | <u> </u> | <u> </u> | _ | L_ | | | | \Box |
| | 142 | | | _ | _ | _ | | \vdash | _ | \dashv |
| | 143 144 | - | - | | <u> </u> | <u> </u> | _ | <u> </u> | | \dashv |
| | 145 | | ├ | | \vdash | \vdash | <u> </u> | \vdash | | \vdash |
| | 146 | \vdash | \vdash | _ | \vdash | | | H | | $\vdash \vdash$ |
| | 147 | | | | - | H | \vdash | H | H | $\vdash \vdash$ |
| | 148 | \vdash | Н | | ┢ | - | | ┢ | _ | $\vdash\vdash$ |
| | 149 | | \vdash | Г | l – | \vdash | Г | Г | | - |
| | 150 | | | | | | | | | П |
| | | _ | _ | _ | | | _ | _ | | |